

**AMENDMENTS TO THE DRAWINGS**

The attached sheet(s) of drawings includes changes to FIG. 1.

Attachment(s): Replacement sheet(s)

**REMARKS**

By this amendment, claims 1 and 3 have been amended and are pending in the application. Applicant reserves the right to pursue the original claims and other claims in this and other applications.

The specification and drawings stand objected to and have been amended as suggested in the Office Action. No new matter has been added. Accordingly, Applicant respectfully requests that the objections to the specification and drawings be withdrawn.

Claim 1 stands rejected under 35 U.S.C. § 102(b) as being anticipated by Davis (US 4,422,039). This rejection is respectfully traversed.

Claim 1 recites, *inter alia*, "a control apparatus configured to compare a target value with the detected peak value outputted via the buffer and control a current applied to the coil of induction heating device according to a result of the comparing" (emphasis added). Applicant respectfully submits that Davis does not disclose these limitations.

To the contrary, Davis discloses an ammeter that "measures the magnitude of a selected input current and generates an output voltage indicative thereof." Col. 1, ln. 11-12. Applicant respectfully submits that Davis does not disclose, teach, or suggest a control apparatus configured to compare a target value with the detected peak value outputted via the buffer and control a current applied to the coil of induction heating device according to a result of the comparing, as recited in claim 1.

Since Davis does not disclose all the limitations of claim 1, claim 1 is not anticipated by Davis. Applicant respectfully requests that the 35 U.S.C. § 102(b) rejection of claim 1 be withdrawn and the claim allowed.

Claim 3 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Davis in view of Goodwin (US 4,847,554). This rejection is respectfully traversed. In order to establish a *prima facie* case of obviousness “the prior art reference (or references when combined) must teach or suggest all the claim limitations.” M.P.E.P. §2142. Neither Davis nor Goodwin, even when considered in combination, teaches or suggests all limitations of claim 3.

Claim 3 recites, *inter alia*, “a control apparatus configured to compare a target value with the detected peak value outputted via the buffer and control a current applied to the coil of induction heating device according to a result of the comparing” (emphasis added). Applicant respectfully submits that Davis does not disclose these limitations.

To the contrary, Davis discloses an ammeter that “measures the magnitude of a selected input current and generates an output voltage indicative thereof.” Col. 1, ln. 11-12. Applicant respectfully submits that Davis does not disclose, teach, or suggest a control apparatus configured to compare a target value with the detected peak value outputted via the buffer and control a current applied to the coil of induction heating device according to a result of the comparing, as recited in claim 3.

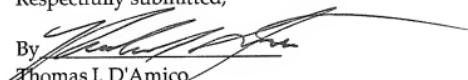
Nor does Goodwin teach this limitation. Rather, Davis teaches that the “indication of the different DC amplitudes and different time durations is preferably derived by comparing the average values of the positive and negative current components relative to positive and negative DC offset values to derive an error indication.” Col. 2, ln. 56-60. Therefore, Goodwin does not cure the above-discussed deficiencies of Davis. Since Davis and Goodwin do not teach or suggest all of the limitations of claims 3, claim 3 is not

obvious over the cited combination. Applicant respectfully requests that the 35 U.S.C. § 103(a) rejection of claim 3 be withdrawn and the claim allowed.

In view of the above, Applicant believes the pending application is in condition for allowance.

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Respectfully submitted,

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Attachment(s)